



**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT Sheet 1 of 6**

Docket No. SMY 041.01-

Applicant: Nir N. Shavit, Steven K. Heller and Christine H. Flood
 Serial No: 09/893,256
 Filed: June 27, 2001
 For: LOAD-BALANCING QUEUES EMPLOYING LIFO/FIFO WORK STEALING
 Examiner: C. Truong
 Art Unit: 2195

U.S. PATENT DOCUMENTS

Exam Inits	Cite No.	Patent Number	Kind Code	Patentee or Applicant Name	Issue Date
CQ		20010000821	A1	KOLODNER, ET AL.	05/03/01
CQ		20010047361	A1	MARTIN, ET AL.	11/29/01
CQ		20010049726	A1	COMEAU, ET AL.	12/06/01
CQ		20020052926	A1	BUSH, ET AL.	05/02/02
CQ		20020073103	A1	BOTTOMLEY, ET AL.	06/13/02
CQ		20020095453	A1	STEENSGAARD	07/18/02
CQ		20030005025	A1	SHAVIT, ET AL.	01/02/03
CQ		20030005029	A1	SHAVIT, ET AL.	01/02/03
CQ		20040088702	A1	GARTHWAITE, ET AL.	05/06/04
CQ	4,584,640		B1	MACGREGOR, ET AL.	4/22/86
CQ	4,775,932		B1	OXLEY, ET AL.	10/4/88
CQ	4,912,629		B1	SHULER, JR.	05/27/90
CQ	4,989,134		B1	SHAW	01/29/91
CQ	5,088,036		B1	ELLIS, ET AL.	02/11/92
CQ	5,241,673		B1	SCHELVIS	09/31/93
CQ	5,274,804		B1	JACKSON, ET AL.	12/28/93
CQ	5,355,483		B1	SERLET	10/11/94
CQ	5,446,901		B1	OWICKI, ET AL.	08/29/95
CQ	5,577,246		B1	PRIDDY, ET AL.	11/19/96
CQ	5,692,185		B1	NILSEN, ET AL.	11/25/97

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Exam Inits	Cite No.	Cy	Number	Kind Code	Patentee or Applicant Name	Publication Date	T
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Examiner Signature	/Camquy Truong/	Date Considered	05/03/2006
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CQ		5,692,193	B1	JAGANNATHAN, ET AL.	11/25/97
CQ		5,893,121	B1	EBRAHIM, ET AL.	4/06/99
CQ		5,930,807	B1	EBRAHIM, ET AL.	07/27/99
CQ		5,950,205	B1	AVIANI, JR.	09/07/99
CQ		6,047,295	B1	ENDICOTT, ET AL.	04/04/00
CQ		6,052,699	B1	HUELSBERGEN, ET AL.	04/18/00
CQ		6,081,665	B1	NILSON, ET AL.	06/22/00
CQ		6,192,517	B1	AGESEN, ET AL.	02/20/01
CQ		6,226,653	B1	ALPERN, ET AL.	05/01/01
CQ		6,240,422	B1	ATKINS, ET AL.	5/29/01
CQ		6,249,793	B1	PRINTEZIS, ET AL.	06/19/01
CQ		6,253,215	B1	AGESEN, ET AL.	06/26/01
CQ		6,286,016	B1	HELLER, ET AL.	9/04/01
CQ		6,289,360	B1	KOLODNER, ET AL.	09/11/01
CQ		6,304,949	B1	HOULDsworth	10/16/01
CQ		6,314,436	B1	HOULDsworth	11/06/01
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CQ		6,317,756	B1	KOLODNER, ET AL	11/13/01
CQ		6,321,240	B1	CHILIMBI, ET AL.	11/27/01
CQ		6,338,073	B1	HOULDsworth, ET AL.	01/08/02

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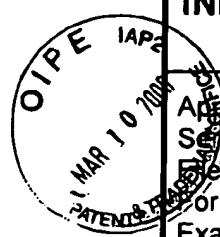
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OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS

Exam Inits	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
CQ		ADITY, ET AL., "Garbage Collection for Strongly-Typed Languages using Run-Time Reconstruction", ACM, 1994, 16-20	<input type="checkbox"/>
CQ		APPEL, "Simple Generational Garbage Collection and Fast Allocation", Software Practice and Experience, 19(2), 1989, 171-183	<input type="checkbox"/>
CQ		ARORA, ET AL., "Thread Scheduling for Multiprogrammed Multiprocessors", Dept. of Computer Science, Uni. of Texas, 1998, Austin	<input type="checkbox"/>
CQ		BAKER, "List Processing in Real Time on a Serial Computer", Communications of the ACM 21, April 1978, 280-294	<input type="checkbox"/>
CQ		BIBOLET, ET AL., "Asynchronous Service Routine Invocation with Safely Serialized Work Queue", IBM Tech. Disclosure Bulletin, Vol. 25, No. 8, January 1983, IBM Corp.	<input type="checkbox"/>
CQ		BLELLOCH, ET AL., "On Bounding Time and Space for Multiprocessor Garbage Collection", Computer Science Department, Carnegie Mellon University, Date Unknown	<input type="checkbox"/>
CQ		BLUMOFE, "Scheduling Multithreaded Computations by Work Stealing", University of Texas, 1998, Austin	<input type="checkbox"/>
CQ		BOEHM, "Simple Garbage Collector-Safety", ACM, May 1996, 89-98	<input type="checkbox"/>
CQ		CHASE, ET AL., "Analysis of Pointers and Structures", Proceedings of the ACM SIGPLAN '90 Conference on Programming Language Design and Implementation, June 20-22, 1990, 296-310, White Plains, NY	<input type="checkbox"/>
CQ		COHEN, "Garbage Collection of Linked Data Structures", ACM, Computing Surveys, Vol. 13, No. 3, September 1981, 341-367	<input type="checkbox"/>
CQ		COURTEMANCHE, "MultiTrash, a Parallel Garbage Collector for MultiScheme", Thesis for MIT, 1986	<input type="checkbox"/>
CQ		COURTS, "Improving Locality of Reference in a Garbage-Collecting Memory Management System", Communications of the ACM, Vol. 31, No. 9, September 1988, 1128-1138	<input type="checkbox"/>

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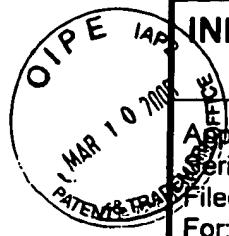
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CQ		CRAIG, ET AL., "nanoPortean: Scalable System Software for a Gigabit Active Router", IEEE INFOCOM 2001, 2001, 51-59	<input type="checkbox"/>
CQ		DEMERS, E T AL., "Combining Generational and Conservative Garbage Collection: Framework and Implementations", In Conf. Rec. of 17th Annual ACM Symposium, January 1990, 261-269, ACM Notices	<input type="checkbox"/>
CQ		DOLIGEZ, ET AL., "Portable Unobtrusive Garbage Collection for Multiprocessor Systems", Association for Computing Machinery, 1994	<input type="checkbox"/>
CQ		ENDO, T., ET AL., "A Scalable Mark-Sweep Garbage Collector on Large-Scale Shared-Memory Machines", Proceedings of the 1997 ACM/IEEE Supercomputing 97 Conference, Nov. 15-21, 1997, San Jose, CA	<input type="checkbox"/>
CQ		HALSTEAD, "Implementation of Multilisp: Lisp on a Multiprocessor", MIT, Lab. for Computer Science, 1984, Cambridge	<input type="checkbox"/>
CQ		HICKEY, ET AL., "Performance Analysis of On-the-Fly Garbage Collection", Communication of the ACM, Vol. 27, No. 11, November 1984, 1143-1154	<input type="checkbox"/>
CQ		HOLZLE, URS, "A Fast Write Barrier for Generational Garbage Collectors", Workshop on Garbage Collection in Object Oriented Systems, October 1993	<input type="checkbox"/>
CQ		HUDAK, ET AL., "Garbage Collection and Task Deletion in Distributed Applicative Processing Systems", ACM, 1982, 168-178	<input type="checkbox"/>
CQ		ICHIYOSHI, ET AL., "A Shared-Memory Parallel Extension of KLIX and Its Garbage Collection", Proceedings of GCS '94 Workshop on Parallel Logic Programming, 1994, 113-126	<input type="checkbox"/>
CQ		JONES AND LINS, "Garbage Collection: Algorithms for Automatic Dynamic Memory Management", 1996, 165-179, John Wiley and Sons, NY	<input type="checkbox"/>
CQ		KARLSSON, "Resume of Martin Karlsson, Internet Document, Online!, page 1, line 22; line 27", < http://user.it.uu.se/(martink/ > Retrieved on 2002-10-30, May-August 1999	<input type="checkbox"/>
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CQ		MOON, "Garbage Collection in a Large Lisp System", Conference Record of the 1984 ACM Symposium on LISP and Functional Programming, August 1984, 235-246, Austin, TX	<input type="checkbox"/>
CQ		PATEL, ET AL., "A Model Completion Queue Mechanisms Using the Virtual Interface API", IEEE, 2000, 280-288	<input type="checkbox"/>
CQ		REVESZ, "Parallel Graph-Reduction With a Shared Memory Multiprocessor System", Proceedings of the International Conference on Computer Languages, March 1990, New Orleans, LA	<input type="checkbox"/>
CQ		RUDALICS, "Distributed Copying Garbage Collection", ACM, 1986, 364-372	<input type="checkbox"/>
CQ		VALOIS, "Lock-Free Data Structures, Internet Document: Doctor of Philosophy/Thesis, Online!, p.27, line 13", http://www.cs.rpi.edu/pub/caloisj/thesis.ps.gz , May 1995	<input type="checkbox"/>
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CQ		WILSON, "Uniprocessor Garbage Collection Techniques", University of Texas, Date Unknown, Austin	<input type="checkbox"/>
CQ		YOUN, ET AL., "A Multithreaded Architecture for the Efficient Execution of Vector Computations within a Loop using", IEEE, 1996, 343-350	<input type="checkbox"/>
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CQ		YAMAMOTO, ET AL., "Comparing Reference Counting and Global Mark-and-Sweep on Parallel Computers", Dept. of Info. Science. University of Tokyo, Japan, Date Unknown, Japan	<input type="checkbox"/>

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